

## Product datasheet for TP306179M

### Probable hydrolase PNKD (PNKD) (NM\_015488) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human paroxysmal nonkinesigenic dyskinesia (PNKD), transcript variant 1, 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC206179 protein sequence  
 Red=Cloning site Green=Tags(s)

MAAVVAATALKSRGARNARVLRGILAGATANKVSHNRTRALQSHSSSEGGKEEPEPLSPELEYIPRKRKGN  
 PMKAVGLAWYSLYTRTWLGYLFYRQQLRRARNRYPKGHSKTQPRFNGVKVLPVLSDNYSYLIIDTQA  
 QLAVAVDPSDPRAVQASIEKEGVTLVAILCTHKKHWDHSGGNRDLSSRRHRDCRVYGPSQDGIPYLTHPLCH  
 QDVSVGRLQIRALATPGHTQGHLVYLLDGEPYKGPSCLFSGDLLFLSGCGRTFEGNAETMLSSLDTVLG  
 LGDDTLLWPGHEYAEENLGFAGVVEPENLARERKMQWVQRQLERKGTCPSTLGEERSYNPFLRTHCLAL  
 QEALGPGPGPTGDDDDYSRAQLLEELRRLKDMHKS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-Myc/DDK

**Predicted MW:** 38.9 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_056303](#)



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Locus ID:	25953
UniProt ID:	<a href="#">Q8N490</a> , <a href="#">A0A024R415</a>
RefSeq Size:	3129
Cytogenetics:	2q35
RefSeq ORF:	1155
Synonyms:	BRP17; DYT8; FKSG19; FPD1; KIPP1184; MR-1; MR-1S; MR1; PDC; PKND1; PNKD1; R1; TAHCCP2
Summary:	This gene is thought to play a role in the regulation of myofibrillogenesis. Mutations in this gene have been associated with the movement disorder paroxysmal non-kinesigenic dyskinesia. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2010]
Protein Families:	Transmembrane

### Product images:



Coomassie blue staining of purified PNKD protein (Cat# [TP306179]). The protein was produced from HEK293T cells transfected with PNKD cDNA clone (Cat# [RC206179]) using MegaTran 2.0 (Cat# [TT210002]).